



14023 U.S. PTO

PATENT APPLICATION
Docket No. 4591-354
Client No. IH12257-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PTO
22387 10/77/747

020304

EXPRESS MAIL	MAILING LABEL NO. <u>EL982132331US</u>
	DATE OF DEPOSIT: <u>FEBRUARY 3, 2004</u>
 I HEREBY CERTIFY THAT THIS PAPER AND ENCLOSURES AND/OR FEE ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: MAIL STOP PATENT APPLICATION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.	
<u>HILLARY A. DIXON</u> (SENDER'S PRINTED NAME)	 (SIGNATURE)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing is a patent application under 37 CFR 1.53(b) of:

Inventor(s): Choung-Ku Chon and Dong-Hyun Choi

For: DIFFUSION FURNACE USED FOR MANUFACTURING
INTEGRATED CIRCUITS AND METHOD FOR COOLING THE
DIFFUSION FURNACE

Applicant requests FIG. 1 to be published with the application.

Enclosures:

Specification (pages 1-7); claims (pages 8-10); abstract (page 11)
 SIX sheet(s) of FORMAL drawings (comprising 6 figures)
 Certified copy of Priority Document No. 2003-0007206, filed February 5, 2003, from
which priority is claimed.
 Return Postcard

<u>CLAIMS AS FILED</u>				
For	Number Filed	Number Extra	Rate	Basic Fee
Total Claims	23-20	3	x \$ 18 =	\$54.00
Independent Claims	3-3	0	x \$ 86 =	\$0.00
TOTAL FILING FEE				\$824.00

Combined Declaration and Power of Attorney
 Newly executed (original or copy)
 Assignment with cover sheet

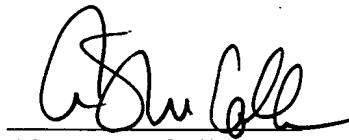
Assignee Name and Address: Samsung Electronics Co., Ltd.
Suwon-city, Kyungki-do Republic of Korea

PTO Form 2038 authorizing credit card payment of \$824.00, filing fee (\$770.00) and extra claims fee (\$54.00) is enclosed.
 Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Customer No. 20575

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



Alan T. McCollom
Reg. No. 28,881

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, OR 97205
503-222-3613